

TABLE 4A
NASSAU COUNTY DEPARTMENT OF HEALTH

2015

**WATER QUALITY TESTING OF WELLS AND TREATMENT FACILITIES
AFTER AN EXTENDED SHUTDOWN PERIOD OF 90 OR MORE DAYS**

EXCEPTION: Sampling of GACs is required if out of service for 7 or more days **

REQUIRED WATER QUALITY TESTING/SAMPLE TIME COLLECTION <ul style="list-style-type: none"> The facility must be shut down overnight prior to sample collection. Facility should be discharged to waste during sample collection. The water supplier is required to submit all testing results to the Nassau County Department of Health before the facility is placed in service. 					
FACILITY	Microbiological (MIC) <i>Chlorine residual must be field measured & recorded in Laboratory reports</i>	Principal Organic Contaminant (POC)	Specific Organic Chemicals (SOC)	Inorganic (IOC)	OTHER
Wells	0', 2', 5', 10', 30'	----	----	2'	----
Water Storage Tank	2', 30' and 60'	30' only if tank interior was painted	----	30' only if tank interior was painted	----
Well(s) with PTA Treatment	Raw: 0', 2', 5', 10', 30' & Treated: 0', 2', 5', 10', 30' from the clearwell(s) <u>or</u> packed tower if a clearwell is not available	30' treated Analyze for detected POCs	----	----	----
Well(s) with GAC Treatment ** GACs must be tested for Nitrate or Perchlorate if they have not been used for 7 or more days. <i>See "Other" column</i>	Raw: 0', 2', 5', 10', 30' & Treated: 0', 2', 5', 10', 30' from each GAC tank or battery/train of GAC tanks	30' treated Analyze for previously detected POCs	30' treated Analyze for previously detected SOC's	----	If historical raw Nitrate level is >5 mg/l or Perchlorate level is >5 ug/l, also collect a 2' treated sample from each GAC tank <u>or</u> each battery/train of GAC tanks for Nitrate or Perchlorate analysis
Well(s) with Nitrate and/or Perchlorate Treatment	Raw: 0', 2', 5', 10', 30' & Treated: 0', 2', 5', 10', 30' from each tank or battery/train of tanks	----	----	2' Treated Analyze for Nitrate and/or Perchlorate	----
Well(s) with PTA <u>and</u> GAC Treatment ** GACs must be tested for Nitrate or Perchlorate if they have not been used for 7 or more days <i>See "Other" column</i>	Raw: 0', 2', 5', 10', 30' & Treated: 0', 2', 5', 10', 30' from clearwell(s) <u>and</u> GAC tanks or battery/train of GAC tanks	30' treated Analyze for detected POCs	30' treated Analyze for detected SOC's	----	If historical raw Nitrate level is >5 mg/l or Perchlorate level is >5 ug/l, also collect a 2' treated sample from each GAC tank <u>or</u> each battery/train of GAC tanks for Nitrate or Perchlorate
Well(s) with Iron and/or Manganese Removal Treatment	Raw: 0', 2', 5', 10', 30' & Treated: 0', 2', 5', 10', 30' from each filter <u>or</u> battery/train of filters	----	----	----	30' treated sample from each filter tank <u>or</u> battery/train of filters for analysis of Fe and/or Mn

